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RAW SEQUENCE LISTING                      DATE: 12/07/2000  
PATENT APPLICATION: US/09/723,255              TIME: 11:57:38

Input Set : A:\00-448-A SEQUENCE LISTING.txt  
Output Set: N:\CRF3\12072000\I723255.raw

3 <110> APPLICANT: Rodgers, Kathleen  
4        dizerega, Gere  
6 <120> TITLE OF INVENTION: Methods for Treating and Preventing Alopecia  
8 <130> FILE REFERENCE: 00-448-A  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/723,255  
C--> 11 <141> CURRENT FILING DATE: 2000-11-27  
13 <160> NUMBER OF SEQ ID NOS: 50  
15 <170> SOFTWARE: PatentIn Ver. 2.0  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 8  
19 <212> TYPE: PRT  
20 <213> ORGANISM: Artificial Sequence  
22 <220> FEATURE:  
23 <223> OTHER INFORMATION: Description of Artificial Sequence:All  
25 <400> SEQUENCE: 1  
26 Asp Arg Val Tyr Ile His Pro Phe  
27    1                      5  
30 <210> SEQ ID NO: 2  
31 <211> LENGTH: 7  
32 <212> TYPE: PRT  
33 <213> ORGANISM: Artificial Sequence  
35 <220> FEATURE:  
36 <223> OTHER INFORMATION: Description of Artificial Sequence:All (2-8)  
38 <400> SEQUENCE: 2  
39 Arg Val Tyr Ile His Pro Phe  
40    1                      5  
43 <210> SEQ ID NO: 3  
44 <211> LENGTH: 6  
45 <212> TYPE: PRT  
46 <213> ORGANISM: Artificial Sequence  
48 <220> FEATURE:  
49 <223> OTHER INFORMATION: Description of Artificial Sequence:All (3-8)  
51 <400> SEQUENCE: 3  
52 Val Tyr Ile His Pro Phe  
53    1                      5  
56 <210> SEQ ID NO: 4  
57 <211> LENGTH: 7  
58 <212> TYPE: PRT  
59 <213> ORGANISM: Artificial Sequence  
61 <220> FEATURE:  
62 <223> OTHER INFORMATION: Description of Artificial Sequence:All (1-7)  
64 <400> SEQUENCE: 4  
65 Asp Arg Val Tyr Ile His Pro  
66    1                      5  
69 <210> SEQ ID NO: 5  
70 <211> LENGTH: 6  
71 <212> TYPE: PRT

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**ENTERED**

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Output Set: N:\CRF3\12072000\I723255.raw

72 <213> ORGANISM: Artificial Sequence  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (2-7)  
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78 Arg Val Tyr Ile His Pro  
79    1                      5  
82 <210> SEQ ID NO: 6  
83 <211> LENGTH: 5  
84 <212> TYPE: PRT  
85 <213> ORGANISM: Artificial Sequence  
87 <220> FEATURE:  
88 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (3-7)  
90 <400> SEQUENCE: 6  
91 Val Tyr Ile His Pro  
92    1                      5  
95 <210> SEQ ID NO: 7  
96 <211> LENGTH: 4  
97 <212> TYPE: PRT  
98 <213> ORGANISM: Artificial Sequence  
100 <220> FEATURE:  
101 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (5-8)  
103 <400> SEQUENCE: 7  
104 Ile His Pro Phe  
105    1  
108 <210> SEQ ID NO: 8  
109 <211> LENGTH: 6  
110 <212> TYPE: PRT  
111 <213> ORGANISM: Artificial Sequence  
113 <220> FEATURE:  
114 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-6)  
116 <400> SEQUENCE: 8  
117 Asp Arg Val Tyr Ile His  
118    1                      5  
121 <210> SEQ ID NO: 9  
122 <211> LENGTH: 5  
123 <212> TYPE: PRT  
124 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-5)  
129 <400> SEQUENCE: 9  
130 Asp Arg Val Tyr Ile  
131    1                      5  
134 <210> SEQ ID NO: 10  
135 <211> LENGTH: 4  
136 <212> TYPE: PRT  
137 <213> ORGANISM: Artificial Sequence  
139 <220> FEATURE:  
140 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-4)  
142 <400> SEQUENCE: 10

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Input Set : A:\00-448-A SEQUENCE LISTING.txt  
Output Set: N:\CRF3\12072000\I723255.raw

143 Asp Arg Val Tyr  
144    1  
147 <210> SEQ ID NO: 11  
148 <211> LENGTH: 3  
149 <212> TYPE: PRT  
150 <213> ORGANISM: Artificial Sequence  
152 <220> FEATURE:  
153 <223> OTHER INFORMATION: Description of Artificial Sequence:ATI (1-3)  
155 <400> SEQUENCE: 11  
156 Asp Arg Val  
157    1  
160 <210> SEQ ID NO: 12  
161 <211> LENGTH: 7  
162 <212> TYPE: PRT  
163 <213> ORGANISM: Artificial Sequence  
165 <220> FEATURE:  
166 <223> OTHER INFORMATION: Description of Artificial Sequence:ATI analogue  
168 <220> FEATURE:  
169 <221> NAME/KEY: MOD\_RES  
170 <222> LOCATION: (2)  
171 <223> OTHER INFORMATION: Nle  
173 <400> SEQUENCE: 12  
OK 174 Arg Xaa Tyr Ile His Pro Phe  
175    1                      5  
178 <210> SEQ ID NO: 13  
179 <211> LENGTH: 7  
180 <212> TYPE: PRT  
181 <213> ORGANISM: Artificial Sequence  
183 <220> FEATURE:  
184 <223> OTHER INFORMATION: Description of Artificial Sequence:ATI analogue  
186 <220> FEATURE:  
187 <221> NAME/KEY: MOD\_RES  
188 <222> LOCATION: (4)  
189 <223> OTHER INFORMATION: Nle  
OK 191 <400> SEQUENCE: 13  
192 Arg Val Tyr Xaa His Pro Phe  
193    1                      5  
196 <210> SEQ ID NO: 14  
197 <211> LENGTH: 3  
198 <212> TYPE: PRT  
199 <213> ORGANISM: Artificial Sequence  
201 <220> FEATURE:  
202 <223> OTHER INFORMATION: Description of Artificial Sequence:ATI (6-8)  
204 <400> SEQUENCE: 14  
205 His Pro Phe  
206    1  
209 <210> SEQ ID NO: 15  
210 <211> LENGTH: 5  
211 <212> TYPE: PRT

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 Output Set: N:\CRF3\12072000\I723255.raw

212 <213> ORGANISM: Artificial Sequence  
 214 <220> FEATURE:  
 215 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (4-8)  
 217 <400> SEQUENCE: 15  
 218 Tyr Ile His Pro Phe  
 219    1                      5  
 222 <210> SEQ ID NO: 16  
 223 <211> LENGTH: 7  
 224 <212> TYPE: PRT  
 225 <213> ORGANISM: Artificial Sequence  
 227 <220> FEATURE:  
 228 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue  
 229    class  
 231 <220> FEATURE:  
 232 <221> NAME/KEY: UNSURE  
 233 <222> LOCATION: (1)  
 234 <223> OTHER INFORMATION: Xaa at position 1 can be Arg, Lys, Ala, Orn, Ser,  
 235    MeGly, D-Arg, or D-Lys  
 237 <220> FEATURE:  
 238 <221> NAME/KEY: UNSURE  
 239 <222> LOCATION: (2)  
 240 <223> OTHER INFORMATION: Xaa at position 2 can be Val, Ala, Leu, Nle, Ile,  
 241    Gly, Pro, Aib, Acp, or Tyr  
 243 <220> FEATURE:  
 244 <221> NAME/KEY: UNSURE  
 245 <222> LOCATION: (4)  
 246 <223> OTHER INFORMATION: Xaa at position 4 can be Ile, Ala, Leu, Nle, Val,  
 247    or Gly  
 249 <400> SEQUENCE: 16  
 250 Xaa Xaa Tyr Xaa His Pro Phe  
 251    1                      5  
 254 <210> SEQ ID NO: 17  
 255 <211> LENGTH: 7  
 256 <212> TYPE: PRT  
 257 <213> ORGANISM: Artificial Sequence  
 259 <220> FEATURE:  
 260 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue  
 262 <400> SEQUENCE: 17  
 263 Arg Val Tyr Gly His Pro Phe  
 264    1                      5  
 267 <210> SEQ ID NO: 18  
 268 <211> LENGTH: 7  
 269 <212> TYPE: PRT  
 270 <213> ORGANISM: Artificial Sequence  
 272 <220> FEATURE:  
 273 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue  
 275 <400> SEQUENCE: 18  
 276 Arg Val Tyr Ala His Pro Phe  
 277    1                      5

RAW SEQUENCE LISTING                      DATE: 12/07/2000  
 PATENT APPLICATION: US/09/723,255        TIME: 11:57:39  
  
 Input Set : A:\00-448-A SEQUENCE LISTING.txt  
 Output Set: N:\CRF3\12072000\I723255.raw

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280 <210> SEQ ID NO: 19
281 <211> LENGTH: 8
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence:All analogue 1
288 <400> SEQUENCE: 19
289 Asp Arg Val Tyr Val His Pro Phe
290   1           5
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 8
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence:All analogue 2
301 <400> SEQUENCE: 20
302 Asn Arg Val Tyr Val His Pro Phe
303   1           5
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 11
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence:All analogue 3
314 <400> SEQUENCE: 21
315 Ala Pro Gly Asp Arg Ile Tyr Val His Pro Phe
316   1           5           10
319 <210> SEQ ID NO: 22
320 <211> LENGTH: 8
321 <212> TYPE: PRT
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: Description of Artificial Sequence:All analogue 4
327 <400> SEQUENCE: 22
328 Glu Arg Val Tyr Ile His Pro Phe
329   1           5
332 <210> SEQ ID NO: 23
333 <211> LENGTH: 8
334 <212> TYPE: PRT
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: Description of Artificial Sequence:All analogue 5
340 <400> SEQUENCE: 23
341 Asp Lys Val Tyr Ile His Pro Phe
342   1           5
345 <210> SEQ ID NO: 24
346 <211> LENGTH: 8
347 <212> TYPE: PRT
348 <213> ORGANISM: Artificial Sequence

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

## VERIFICATION SUMMARY

DATE: 12/07/2000

PATENT APPLICATION: US/09/723,255

TIME: 11:57:40

Input Set : A:\00-448-A SEQUENCE LISTING.txt  
Output Set: N:\CRF3\12072000\I723255.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34  
L:536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41  
L:642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46  
L:704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47  
L:722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
L:740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49